

IN THE DRAWINGS

Five sheets of formalized replacement drawings are enclosed herewith.

REMARKS

Applicant has reviewed and considered the Office Action mailed on September 11, 2006, and the references cited therewith.

Claims 1, 6-10, 13, 14, 19, 21-24, 26-28, and 30 are amended, claims 4, 5, 18, 20, 25, and 29 are canceled, and no claims are added; as a result, claims 1-3, 6-17, 19, 21-24, 26-28, and 30 are now pending in this application.

35 USC §102 Rejection of the Claims

Claims 1 – 30 were rejected under 35 USC § 102(e) as being anticipated by Vanderweed (U.S. Publication No. 2004/0006584 A1). Applicants respectfully traverse this rejection with respect to claims 5, 20, and 21. The cited portions of Vanderweed discuss using power consumption as a metric, but do not disclose, teach or suggest modifying a power supply voltage in response to profiling a design as claimed in claims 5, 20, and 21. See [277] and [279] of Vanderweed.

All independent claims have been amended to include a limitation similar to claim 5 as filed. Many independent claims have been amended to maintain proper antecedent basis. Applicants respectfully believe that these amendments overcome the rejection of the independent claims for the reasons stated in the previous paragraph. Accordingly, applicants believe the independent claims are in condition for allowance. Further, applicants believe the dependent claims are in condition for allowance at least by dependency.

Reservation of Rights

Applicants do not admit that references cited under 35 USC §§ 102(a), 102(e), 103/102(a), or 103/102(e) are prior art, and reserve the right to swear behind them at a later date. Arguments presented to distinguish such references should not be construed as admissions that the references are prior art.

Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney (952-473-8800) to facilitate prosecution of this application.

Respectfully submitted,

VICKI W. TSAI ET AL.

By their Representatives,

Customer Number: 45445

Telephone Number: 952-473-8800

Date December 11, 2006

By Dana B. LeMoine
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Reg. No. 40,062

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 11 day of December, 2006.

Jenny Hollingsworth
Name

[Signature]
Signature